# FAIRBANKS
Automobile Repair Equipment

FAIRBANKS O.K.

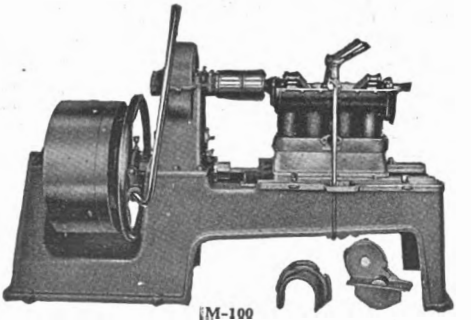
## Fairbanks' Worth

Automobile repairing has developed to such an extent that modern and efficient tools are absolutely essential in the up-to-date repair shop. New tools and devices, well designed, and offering guaranteed service, mean repeat orders for the dealer and satisfied customers for the repair man. In these pages you will find some of the popular items in the Fairbanks line—a line which is recognized as the standard throughout the world.

And the Fairbanks line is progressive. It is being increased constantly. The new devices have been tested and approved by experts and when they put their "O. K." on a product, the Fairbanks Company is willing to guarantee it as a real time and labor saver, with its own well-known "O. K."

## The Ford and Fordson Special Burning-In Machine

The Ford and Fordson Special Burning-in and Running-in machine is built to stand the test of time and hard usage. A base of one solid casting, a low center of gravity, split bronze bearings and Hyatt roller bearings are all features which insure a satisfactory job.



M-100

By means of a 3½ to 1 gear reduction the bearings may be burned-in at a speed of 175 R. P. M., while the speed for running-in with oil is increased to 600 R. P. M. Experiments and tests have proved that these are the best speeds for perfect work.

One of the main advantages of the Ford and Fordson Special is the fact that the repair man has full view of the operation while the main and connecting rod bearings are being burned-in. After this is completed the motor block is turned and the bearings, connecting rods and pistons are run-in with oil.

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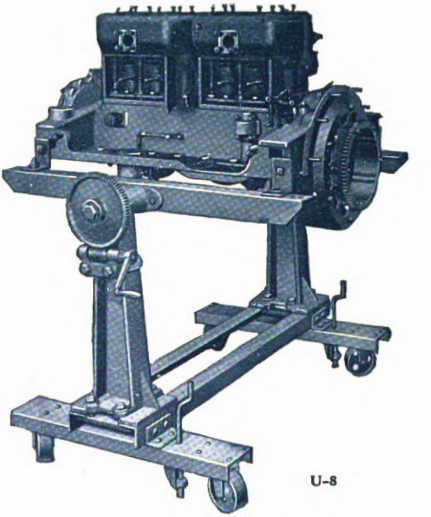
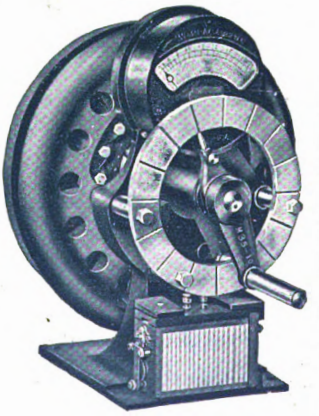
## Universal Motor Stand

The Fairbanks Universal Motor Stand handles motor blocks of any type with ease. The blocks may be adjusted to any position and secured in that position.

The Universal Motor Stand is made to take all sizes or makes of auto and auto-truck motor blocks, having either three point or four point suspension. The leg brackets move in and out to increase or decrease the distance to fit any motor. The stand is fitted with worm wheel drive, making it possible to place the motor in any required position. It is substantially constructed of angle iron and well riveted throughout. Cast iron brackets support the side members. Four casters permit the stand to be moved easily to position desired, and two lock screws elevate the corners.



U-8



M-35

## Coil Unit and Magneto Test Stand

The Coil Unit and Magneto Test Stand (M-35) is designed to test and facilitate the adjustment of the coil units and the magneto. It consists of a coil testing apparatus which is a two ampere model, 156 ammeter, a Ford magneto provided with a crank and rotating spark gap, and a device for clamping the coil unit in place and at the same time making the necessary electrical connections. For this test the magneto ammeter and primary of the coil unit are connected in series. The coil secondary is connected across the rotary spark coil.

When the magneto is revolved the ammeter shows the primary current flowing. Seven-eighths of the number of sparks produced by the passage of the magneto poles in front of the coils per one-sixteenth of a revolution may be counted by watching the rotating spark gap as it passes over the graduated dial. This dial is graduated into 16 parts, the magneto having 16 poles. One good spark should pass over each one-sixteenth revolution of the crank and the current indicated by the ammeter should be between 1.2 and 1.4 amperes.

To test the magneto in the car, one terminal of the ammeter is connected to the magneto terminal through an impedance coil and the other terminal is connected to the crank case. With the impedance coil used the meter should indicate 0.8 or more amperes when the engine runs at a moderate speed.

The function of the impedance coil is to cause the indications of the instrument to be substantially independent of the engine speed.

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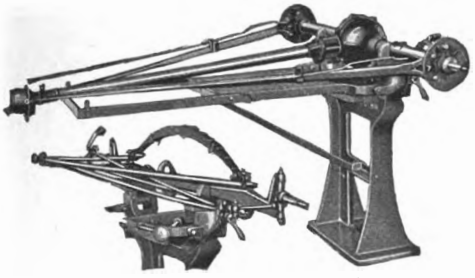


M-14

## Dixie Combination Front and Rear Axle Stand

The Dixie is a well-designed device for supporting the front and rear axle while overhauling. This stand is equipped with two vises, one tipping to the side to make the axle housing accessible for the removal of the roller bearing sleeve, and the other turning on a spindle to permit the easy removal of the differential and axle shaft. A heavy cast iron removable grease pan is provided to catch the grease and oil from the disassembled differential.

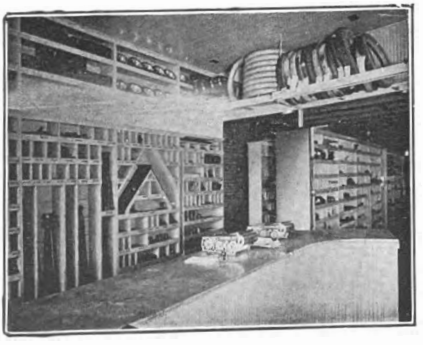
The Dixie Stand has proved very efficient in repair shops. The rear axle can be placed in any position, and the tool tray and axle shaft support can be neatly folded when not in use and can be left until the entire operation is complete.

## Make Your Stock Room a Display Room

Fairbanks Servistock units are made in sizes to hold parts stocks of $5,000, $25,000 and $50,000, with supplements for truck and tractor parts.

The bins bear the numbers of parts contained therein and are arranged in numerical order, irrespective of the size or shape of the part.

The Servistock Units can be supplied in either wood or steel. Either style will add to the attractiveness and pulling power of any Service Station, and at the same time will save labor. Everything is at the finger tips of the salesman and in sight of the customer. This system is also an excellent indicator of stock depletion.



S-1 TO S-7

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